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APHIDIINAE (HYMENOPTERA: BRACONIDAE) OF SERBIA AND MONTENEGRO – TRITROPHIC INTERACTIONS

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Abstract

This study brings a list of original data of parasitic wasps from the subfamily Aphidiinae collected on the territory of Serbia and Montenegro associated with their aphid hosts and plants. Twenty-three genera and 122 species of Aphidiinae were identified from 204 aphid taxa occurring on 344 plant taxa. A total number of 794 parasitoid-aphid-plant associations is reported and presented alphabetically according to parasitoids classified in four tribes.

KEY WORDS: Aphidiinae, checklist, tritrophic interactions, Serbia, Montenegro

Introduction

Without exception, all known species of Aphidiinae are solitary endoparasitoids of aphids (STARÝ, 1970; HAGVAR & HOFSEVANG, 1991, SHAW & HUDDLESTON, 1991). Over 400 species of aphid parasitoids are described worldwide (STARÝ, 1988; DOLPHINE & QUICKE, 2001). Despite their importance as natural enemies and their potential as biocontrol agents, parasitic wasps of the subfamily Aphidiinae were not well enough known taxonomically and biologically. But after more than 20 years of faunistic investigation in Serbia and

Montenegro, we can conclude that fauna of the Aphidiinae wasp is well-investigated in this part of Europe (BRAJKOVIĆ, 1989; TOMANOVIĆ *et al.*, 1998a, 1998b, 2003, 2005, 2006a, 2006b, 2007, 2008, 2009; TOMANOVIĆ, 2000; ŽIKIĆ *et al.*, 2000, 2009; TOMANOVIĆ & KAVALLIERATOS, 2002; KAVALLIERATOS *et al.*, 2004, 2005, 2008, 2010; TOMIĆ *et al.*, 2005; PETROVIĆ *et al.*, 2006, 2009; STANKOVIĆ *et al.*, 2010; RAKHSHANI, 2011). The present work covers the original information on the aphid parasitoids (Hymenoptera: Braconidae: Aphidiinae) of Serbia and Montenegro and their tritrophic interactions with host aphids and host plants.

Material and Methods

Samples were collected from many localities in Serbia and Montenegro. Aphid colonies were taken from plants by cutting their infected parts consisting of both live and mummified aphids. Separated samples were placed in small plastic boxes covered by muslin fabric maintaining similar conditions to those existing in the growth cabinet: relative humidity of 65%, temperature of 22.5 °C and the photoperiod (L:D) 16:8h. Each plant was herbarized and photographed for later identification. Live aphids (if possible, adults of latest nymph instars and alatae) were preserved in 90% ethyl-alcohol and 75% lactic acid at a ratio of 2:1 (EASTOP & VAN EMDEN, 1972). Slides of parasitoids as well as aphids were made in Canada balsam or gum-chloral solutions for easier identification and further investigation. Parasitoid specimens of all analyzed species were dissected in major parts such as head, antennae, mesoscutum, propodeum, wings, legs, petiole, abdomen and genitalia to facilitate the identification and the comparison.

All parasitoid samples were checked by the authors following MACKAUER & STARY (1967). Nomenclature of aphids is based on REMAUDIÈRE & REMAUDIÈRE (1997), whereas nomenclature of plants is based on FLORA EUROPAEA (1964, 1968, 1972, 1976, 1980) and GREUTER *et al.* (1984, 1986, 1989). We followed the classification of aphidiines proposed by MACKAUER (1961). Morphological terminology of parasitoids follows SHARKEY & WHARTON (1997).

Results

Twenty-three aphidiine genera and 122 species were identified from 204 identified aphid taxa occurring on 344 plant taxa. Studying the trophic relations among these organisms, we report 794 parasitoid-aphid associations listed in Table I. Parasitoids are connected with their hosts and feeding plants and presented in alphabetic order.

Table I. Tritrophic associations (SRB – Serbia; MNE – Montenegro).

Parasitoid	Aphid host	Plant (Country)
Tribe Aclitini		
<i>Aclitus obscuripennis</i> Förster, 1862	collected by sweeping (root aphid parasitoid)	unknown plant (SRB)
Tribe Aphidiini		
<i>Betuloxys compressicornis</i> (Ruthe, 1859)	<i>Euceraphis punctipennis</i> (Zetterstedt, 1828)	<i>Betula</i> sp. (SRB)
<i>Binodoxys acalephae</i> (Marshall, 1896)	<i>Aphis craccae</i> Linnaeus, 1758	<i>Vicia incana</i> (SRB)
	<i>Aphis euphorbiae</i> Kalténbach, 1843	<i>Euphorbia cyparissias</i> (SRB)

Parasitoid	Aphid host	Plant (Country)
Tribe Aphidiini		(Table I – continued)
<i>Binodoxys acalephae</i> (Marshall, 1896)	<i>Aphis fabae cirsiiacanthoidis</i> Scopoli, 1763	<i>Cirsium arvense</i> (SRB)
	<i>Aphis idaei</i> van der Goot, 1912	<i>Rubus idaeus</i> (SRB)
	<i>Aphis myrsinitidis</i> Petrović & Leclant, 1998	<i>Euphorbia myrsinites</i> (SRB, MNE)
	<i>Aphis nasturtii</i> Kalténbach, 1843	<i>Punica granatum</i> (SRB)
	<i>Aphis</i> sp.	<i>Salvia nemorosa</i> (SRB, MNE), <i>Vicia</i> sp. (SRB)
	<i>Aphis spiraeophaga</i> F.P. Müller, 1961	<i>Spiraea media</i> (SRB)
	<i>Aphis urticae</i> J.F. Gmelin, 1790	<i>Urtica dioica</i> (SRB)
	<i>Aphis craccivora</i> Koch, 1854	<i>Dorycnium herbaceum</i> (SRB), <i>Medicago sativa</i> (SRB), <i>Robinia pseudacacia</i> (SRB), <i>Vicia faba</i> (SRB)
	<i>Hyadaphis</i> sp.	<i>Bupleurum falcatum</i> (MNE)
	<i>Semiaphis</i> sp.	<i>Lonicera xylosteum</i> (MNE)
	<i>Binodoxys angelicae</i> (Halliday, 1833)	<i>Vicia</i> sp. (SRB)
		<i>Epilobium montanum</i> (SRB)
	<i>Aphis fabae</i> Scopoli, 1763	<i>Cephalanthera rubra</i> (MNE), <i>Chenopodium album</i> (SRB, MNE), <i>Cirsium arvense</i> (SRB), <i>Evonymus europaeus</i> (SRB), <i>Impatiens noli-tangere</i> (SRB), <i>Papaver somniferum</i> (SRB), <i>Rumex acetosella</i> (SRB)
	<i>Aphis fabae cirsiiacanthoidis</i> Scopoli, 1763	<i>Cirsium arvense</i> (SRB)
	<i>Aphis hederarum</i> Kalténbach, 1843	<i>Hedera helix</i> (SRB)
	<i>Aphis pomi</i> De Geer, 1773	<i>Malus domestica</i> (SRB), <i>Spiraea media</i> (SRB)
	<i>Aphis ruborum</i> (Börner, 1932)	<i>Rubus idaeus</i> (MNE)
	<i>Aphis rumicis</i> Linnaeus, 1758	<i>Rumex</i> sp. (SRB)
	<i>Aphis salicariae</i> Koch, 1855	<i>Epilobium angustifolium</i> (SRB)
	<i>Aphis sambuci</i> Linnaeus, 1758	<i>Sambucus nigra</i> (SRB)
	<i>Aphis</i> sp.	<i>Punica granatum</i> (MNE), <i>Salvia officinalis</i> , (SRB, MNE)
	<i>Aphis spiraeophaga</i> F.P. Müller, 1961	<i>Spiraea media</i> (SRB)
	<i>Aphis</i> sp.	<i>Anethum graveolens</i> (SRB), <i>Beta vulgaris</i> (SRB), <i>Epilobium angustifolium</i> (MNE), <i>Philadelphus coronaries</i> (SRB)
	<i>Aphis viburni</i> Scopoli, 1763	<i>Viburnum opulus</i> (SRB)
	<i>Aphis viticis</i> Ferrari, 1872	<i>Vitex agnus castus</i> (SRB, MNE)

Parasitoid	Aphid host	Plant (Country)
Tribe Aphidiini		(Table I – continued)
<i>Binodoxys angelicae</i> (Halliday, 1833)	<i>Brachycaudus</i> sp. <i>Ovatus insitus</i> (Walker, 1849) <i>Toxoptera aurantii</i> (Boyer de Fonscolombe, 1841) <i>Uhlmania singularis</i> (Börner, 1950)	<i>Prunus persica</i> (SRB) <i>Cydonia oblonga</i> (SRB) <i>Citrus aurantium</i> (MNE) <i>Asperula cynanchica</i> (MNE)
<i>Binodoxys brevicornis</i> (Halliday, 1833)	<i>Caviarella</i> sp. <i>Uhlmania singularis</i> (Börner, 1950)	<i>Pimpinella serbica</i> (MNE) <i>Asperula longifolia</i> (MNE)
<i>Binodoxys centaureae</i> (Halliday, 1833)	<i>Macrosiphoniella artemisiae</i> Boyer de Fonscolombe, 1841 <i>Macrosiphoniella</i> sp. <i>Uroleucon cichorii grossum</i> (Hille Ris Lambers, 1939) <i>Uroleucon murale</i> (Buckton, 1876) <i>Uroleucon</i> sp.	<i>Artemisia vulgaris</i> (SRB) <i>Achillea millefolium</i> (SRB) <i>Crepis biennis</i> (SRB) <i>Mycelis muralis</i> (SRB, MNE) <i>Crepis biennis</i> (SRB)
<i>Binodoxys heraclei</i> (Halliday, 1833)	<i>Caviarella aegopodii</i> (Scopoli, 1763) <i>Caviarella</i> sp. <i>Caviarella theobaldi</i> (Gillette & Bragg, 1918) <i>Semiaphis</i> sp. <i>Saltusaphis</i> sp.	<i>Anethum graveolens</i> (SRB), <i>Salix cinerea</i> (SRB), <i>Salix</i> sp. (SRB, MNE) <i>Salix cinerea</i> (SRB), <i>S. purpurea</i> (SRB), <i>Salix</i> sp. (SRB) <i>Peucedanum aegopodioides</i> (SRB), <i>Salix caprea</i> (SRB) <i>Lonicera xylosteum</i> (MNE)
<i>Diaeretellus macrocarpus</i> Mackauer, 1961	<i>Thripsaphis verrucosa</i> Gillette, 1917	<i>Carex rostrata</i> (MNE) <i>Carex nigra</i> (MNE), <i>C. rostrata</i> (MNE)
<i>Diaeretellus palustris</i> Starý, 1971	<i>Rhopalosiphum nymphaeae</i> (Linnaeus, 1761)	<i>Ranunculus aquatilis</i> (SRB)
<i>Diaeretiella rapae</i> (M'Intosh, 1855)	<i>Aphis cadiva</i> Walker, 1849 <i>Brachycaudus helichrysi</i> (Kaltenbach, 1843) <i>Brevicoryne brassicae</i> (Linnaeus, 1758) <i>Diuraphis noxia</i> (Kurdjumov, 1913) <i>Hayhurstia atriplicis</i> (Linnaeus, 1761) <i>Hyadaphis foeniculi</i> (Passerini, 1860) <i>Myzus persicae</i> Sulzer, 1776 <i>Pseudobrevicoryne leclanti</i> Petrović and Remaudière, 2002	<i>Silene vulgaris</i> (MNE) <i>Rumex acetosella</i> (SRB) <i>Brassica oleracea</i> (SRB), <i>B. oleracea</i> var. <i>capitata</i> (SRB), <i>Raphanus sativus</i> (SRB), <i>Ruta graveolens</i> (SRB) <i>Hordeum vulgare</i> (SRB) <i>Chenopodium album</i> (SRB) <i>Lonicera</i> sp. (SRB) <i>Capsicum annuum</i> (SRB) <i>Arabis alpina</i> (MNE)
<i>Diaeretus leucopterus</i> (Haliday, 1834)	<i>Eulachnus rileyi</i> (Williams, 1911) <i>Schizolachnus pineti</i> (Fabricius, 1781)	<i>Pinus sylvestris</i> (SRB) <i>Pinus nigra</i> (SRB)
<i>Adialytus ambiguus</i> (Haliday, 1834)	<i>Sipha elegans</i> Del Guercio, 1905 <i>Sipha maydis</i> Passerini, 1860	<i>Triticum aestivum</i> (SRB) <i>Agropyrum repens</i> (SRB, MNE), <i>Alopecurus pratensis</i> (SRB, MNE),

Parasitoid	Aphid host	Plant (Country)
Tribe Aphidiini		(Table I – continued)
<i>Adialytus ambiguus</i> (Haliday, 1834)	<i>Sipha maydis</i> Passerini, 1860	<i>Avena sativa</i> (SRB), <i>Chrysopogon gryllus</i> (SRB), <i>Dactylis glomerata</i> (SRB, MNE), <i>Hordeum</i> sp. (SRB), <i>Plantago</i> sp. (SRB), <i>Triticum aestivum</i> (SRB)
	<i>Sipha</i> sp.	unknown plant (SRB)
<i>Adialytus salicaphis</i> (Fitch, 1855)	<i>Cavariella</i> sp.	<i>Salix</i> sp. (SRB)
	<i>Chaitophorus leucomelas</i> Koch, 1854	<i>Populus alba</i> (SRB)
	<i>Chaitophorus populeti</i> (Panzer, 1804)	<i>Populus alba</i> (SRB), <i>P. nigra</i> (SRB), <i>P. tremula</i> (SRB)
	<i>Chaitophorus</i> sp.	<i>Populus alba</i> (SRB), <i>P. nigra</i> (SRB, MNE), <i>Populus</i> sp. (SRB), <i>P. tremula</i> (SRB), <i>Salix alba</i> (SRB), <i>S. caprea</i> (SRB), <i>Salix</i> sp. (SRB, MNE)
	<i>Chaitophorus vitellinae</i> (Schrank, 1801)	<i>Salix alba</i> (SRB)
<i>Adialytus thelaxis</i> (Stárý, 1961)	<i>Thelaxes</i> sp.	<i>Quercus frainetto</i> (SRB, MNE), <i>Q. ilex</i> (MNE)
<i>Aphidius absinthii</i> Marshall, 1896	<i>Macrosiphoniella artemisiae</i> Boyer de Fonscolombe, 1841	<i>Artemisia vulgaris</i> (SRB)
	<i>Macrosiphoniella</i> sp.	<i>Achillea millefolium</i> (SRB), <i>Artemisia scoparia</i> (SRB), <i>Artemisia</i> sp. (SRB)
<i>Aphidius aquilus</i> Mackauer, 1961	<i>Callaphis flava</i> Mordvilko, 1928	<i>Betula</i> sp. (SRB)
	<i>Euceraphis betulae</i> (Koch, 1855)	<i>Betula</i> sp. (SRB)
	<i>Euceraphis punctipennis</i> (Zetterstedt, 1828)	<i>Betula pendula</i> (SRB), <i>Betula</i> sp. (SRB)
<i>Aphidius artemisicola</i> Tizado & Nunez, 1994	<i>Macrosiphoniella</i> sp.	<i>Artemisia vulgaris</i> (SRB)
<i>Aphidius</i> (<i>Lysaphidus</i>) <i>arvensis</i> Stárý, 1960	<i>Coloradoa</i> sp.	unknown plant (SRB)
	<i>Macrosiphoniella artemisiae</i> Boyer de Fonscolombe, 1841	<i>Artemisia vulgaris</i> (SRB, MNE)
<i>Aphidius avenae</i> Haliday, 1834	<i>Aulacorthum solani</i> Kalténbach, 1843	<i>Hypericum perforatum</i> (MNE)
	<i>Acyrtosiphon cf. malvae</i> (Mosley, 1841)	<i>Salix retusa</i> (MNE)
	<i>Acyrtosiphon malvae</i> (Mosley, 1841)	<i>Achillea tanacetifolia</i> (SRB)
	<i>Acyrtosiphon pisum</i> (Harris, 1776)	<i>Medicago sativa</i> (SRB), <i>Trifolium pretense</i> (SRB)
	<i>Acyrtosiphon</i> sp.	<i>Salix retusa</i> (MNE)
	<i>Macrosiphum</i> sp.	<i>Digitalis grandiflora</i> (SRB)
	<i>Myzus persicae</i> Sulzer, 1776	<i>Prunus cerasifera</i> (SRB)
	<i>Sitobion avenae</i> (Fabricius, 1775)	<i>Hordeum sativa</i> (SRB)
	<i>Sitobion fragariae</i> (Walker, 1848)	<i>Lolium rigidum</i> (MNE)
	<i>Sitobion</i> sp.	<i>Carex rostrata</i> (MNE)
<i>Aphidius balcanicus</i> Tomanović & Petrović, 2011	<i>Acyrtosiphon malvae</i> (Mosley, 1841)	<i>Geranium caeruleatum</i> (MNE), <i>G. pyrenaicum</i> (SRB, MNE), <i>Geranium</i> sp. (SRB, MNE)

Parasitoid	Aphid host	Plant (Country)
Tribe Aphidiini		(Table I – continued)
<i>Aphidius chaetosiphonis</i> Tomanović & Petrović 2011	<i>Chaetosiphon</i> sp.	<i>Potentilla clusiana</i> (MNE)
<i>Aphidius colemani</i> Viereck, 1912	<i>Myzus persicae</i> Sulzer, 1776	<i>Capsicum annuum</i> (MNE), <i>Citrullus vulgaris</i> (MNE), <i>Cucumis sativus</i> (MNE)
<i>Aphidius eadyi</i> Starý, Gonzalez & Hall, 1980	<i>Acyrtosiphon pisum</i> (Harris, 1776)	<i>Medicago sativa</i> (SRB)
<i>Aphidius eglanteriae</i> Haliday, 1834	<i>Chaetosiphon chaetosiphon</i> Nevsky, 1928	<i>Rosa</i> sp. (SRB)
	<i>Chaetosiphon</i> sp.	<i>Rosa</i> sp. (SRB)
	<i>Longicaudus trirhodus</i> (Walker, 1849)	<i>Thalictrum aquilegifolium</i> (MNE), <i>T. minus</i> (SRB), <i>T. majus</i> (SRB), <i>Thalictrum</i> spp. (SRB)
<i>Aphidius ervi</i> Haliday, 1834	<i>Acyrtosiphon pisum</i> (Harris, 1776)	<i>Medicago sativa</i> (SRB), <i>Pisum sativum</i> (SRB), <i>Trifolium pretense</i> (SRB), <i>Vicia faba</i> (SRB), <i>Vicia</i> sp. (SRB)
	<i>Acyrtosiphon</i> sp.	<i>Trifolium montanum</i> (MNE)
	<i>Aulacorthum solani</i> Kaltentbach, 1843	<i>Pedicularis brachyodonta</i> (SRB)
	<i>Diuraphis noxia</i> (Kurdjumov, 1913)	<i>Hordeum vulgare</i> (SRB)
	<i>Macrosiphum cholodkovskiyi</i> (Mordvilko, 1909)	<i>Filipendula ulmaria</i> (MNE)
	<i>Macrosiphum euphorbiae</i> (Thomas, 1876)	<i>Galega officinalis</i> (SRB)
	<i>Metopolophium dirhodum</i> (Walker, 1849)	<i>Avena sativa</i> (SRB), <i>Avena</i> sp. (SRB), <i>Hordeum vulgare</i> (SRB), <i>Secale cereale</i> (SRB), <i>Triticum aestivum</i> (SRB)
	<i>Rhopalosiphum padi</i> (Linnaeus, 1758)	<i>Poaceae</i> (SRB)
	<i>Schizaphis graminum</i> (Rondani, 1852)	<i>Triticum aestivum</i> (SRB)
	<i>Sitobion avenae</i> (Fabricius, 1775)	<i>Dactylis glomerata</i> (SRB), <i>Festuca</i> sp. (SRB), <i>Hordeum murinum</i> (SRB), <i>Hordeum</i> sp. (SRB), <i>H. vulgare</i> (SRB), <i>Secale</i> sp. (SRB), <i>Setaria verticillata</i> (SRB), <i>Triticum aestivum</i> (SRB)
	<i>Sitobion fragariae</i> (Walker, 1848)	<i>Festuca</i> sp. (MNE)
	<i>Sitobion</i> sp.	<i>Dactylis glomerata</i> (MNE)
<i>Aphidius funebris</i> Mackauer, 1961	<i>Uroleucon</i> sp.	<i>Hieracium murorum</i> (MNE), <i>Hieracium</i> sp. (SRB, MNE)
	<i>Uroleucon cichorii</i> (Koch, 1855)	<i>Crepis biennis</i> (MNE), <i>Cichorium intybus</i> (SRB), <i>Lactuca serriola</i> (SRB)
	<i>Uroleucon cichorii grossum</i> (Hille Ris Lambers, 1939)	<i>Crepis biennis</i> (SRB)
	<i>Uroleucon doronici</i> (Börner, 1942)	<i>Doronicum austriacum</i> (SRB)
	<i>Uroleucon jaceae</i> (Linnaeus, 1758)	<i>Centaurea</i> sp. (SRB)
	<i>Uroleucon murale</i> (Buckton, 1876)	<i>Mycelis muralis</i> (MNE)

Parasitoid	Aphid host	Plant (Country)
Tribe Aphidiini		(Table I – continued)
<i>Aphidius funebris</i> Mackauer, 1961	<i>Uroleucon solidaginis</i> (Fabricius, 1779) <i>Uroleucon sonchi</i> (Linnaeus, 1767) <i>Uroleucon</i> sp. <i>Uroleucon</i> sp.	<i>Solidago virgaurea</i> (SRB) <i>Sonchus arvensis</i> (SRB, MNE), <i>S. oleraceus</i> (SRB) <i>Chondrilla juncea</i> (SRB) <i>Campanula rapunculus</i> (SRB), <i>Carduus acanthoides</i> (MNE), <i>Centaurea jacea</i> (SRB), <i>Cichorium intybus</i> (SRB), <i>Crepis biennis</i> (SRB), <i>Crepis</i> sp. (SRB, MNE), <i>Mycelis muralis</i> (MNE)
<i>Aphidius galii</i> Tomanović & Kavallieratos, 2002	<i>Liniosiphon</i> sp.	<i>Galium lucidum</i> (MNE), <i>G. schultesii</i> (MNE)
<i>Aphidius geranii</i> Tomanović & Kavallieratos, 2009	<i>Amphorophora</i> sp.	<i>Geranium coeruleatum</i> (MNE)
<i>Aphidius hieraciorum</i> Starý, 1962	<i>Metopeurum fuscoviride</i> Stroyan, 1950 <i>Nasonovia ribisnigri</i> (Mosley, 1841) <i>Nasonovia</i> sp.	<i>Tanacetum vulgare</i> (SRB) unknown plant (SRB) <i>Hieracium guentheri-beckii</i> (MNE), <i>H. murorum</i> (MNE), <i>H. pseudobifidum</i> (MNE), <i>Hieracium</i> sp. (SRB, MNE), <i>H. villosum</i> (MNE)
<i>Aphidius hortensis</i> Marshall, 1896	<i>Liosomaphis berberidis</i> (Kaltenbach, 1843)	<i>Berberis vulgaris</i> (SRB), <i>Mahonia aquifolium</i> (SRB)
<i>Aphidius liniosiphonis</i> Tomanović & Starý, 2001	<i>Liniosiphon</i> sp.	<i>Galium sylvaticum</i> (SRB)
<i>Aphidius matricariae</i> Haliday, 1834	<i>Aphidura</i> sp. <i>Aphis intybi</i> Koch, 1855 <i>Aphis</i> sp. <i>Aulacorthum solani</i> Kaltenbach, 1843 <i>Brachycaudus cardui</i> (Linnaeus, 1758) <i>Brachycaudus helichrysi</i> (Kaltenbach, 1843) <i>Brachycaudus klugkisti</i> (Börner, 1942) <i>Capitophorus carduinus</i> (Walker, 1850) <i>Capitophorus hippophaes</i> (Walker, 1852) <i>Capitophorus</i> sp. <i>Liniosiphon asperulophagum</i> Holman, 1961 <i>Myzus cerasi</i> (Fabricius, 1775) <i>Myzus cymbalariae</i> Stroyan, 1954 <i>Myzus langei</i> (Börner, 1933) <i>Myzus lythri</i> (Schrank, 1801)	unknown plant (SRB) <i>Cichorium intybus</i> (SRB) <i>Clematis jackmani</i> (SRB), <i>Galium aparine</i> (SRB), <i>Lamium</i> sp. (SRB), <i>Lycium europaeum</i> (SRB) <i>Prunus cerasifera</i> (SRB), <i>Senecio vernalis</i> (MNE) <i>Prunus cerasifera</i> (SRB), <i>Senecio vernalis</i> (MNE) <i>Solidago virgaurea</i> (SRB) <i>Silene dioica</i> (SRB) <i>Cirsium vulgare</i> (SRB) <i>Polygonum</i> sp. (SRB) <i>Cirsium arvense</i> (SRB), <i>Polygonum persicaria</i> (SRB) unknown plant (SRB) <i>Prunus avium</i> (SRB), <i>P. cerasus</i> (SRB) <i>Cymbalaria muralis</i> (SRB) <i>Galium lucidum</i> (MNE) <i>Lythrum salicaria</i> (SRB)

Parasitoid	Aphid host	Plant (Country)
Tribe Aphidiini		(Table 1 – continued)
<i>Aphidius matricariae</i> Haliday, 1834	<i>Myzus persicae</i> Sulzer, 1776	<i>Brassica rapa chinensis</i> (SRB), <i>Capsicum annuum</i> (SRB), <i>Lepidium draba</i> (SRB), <i>Lycium europaeum</i> (SRB), <i>Prunus cerasifera</i> (SRB), <i>Solanum tuberosum</i> (SRB), <i>Viola</i> sp. (SRB)
	<i>Myzus</i> sp.	<i>Stellaria media</i> (SRB)
	<i>Ovatus mentharius</i> (Van der Goot, 1913)	<i>Mentha</i> sp. (SRB)
	<i>Phorodon humuli</i> (Schrank, 1801)	<i>Humulus lupulus</i> (SRB), <i>Prunus cerasifera</i> (SRB)
	<i>Rhopalosiphum nymphaeae</i> (Linnaeus, 1761)	<i>Alisma plantago-aquatica</i> (SRB)
<i>Aphidius microlophii</i> Pennacchio & Tremblay, 1987	<i>Microlophium carnosum</i> (Buckton, 1876)	<i>Urtica dioica</i> (SRB, MNE), <i>Urtica</i> sp. (SRB)
	<i>Wahlgreniella ossiannilssonii</i> Hille Ris Lambers, 1949	<i>Arctostaphylos uva ursi</i> (MNE)
<i>Aphidius montenegrinus</i> Tomanovic & Kavallieratos, 2004	<i>Acyrtosiphon daphnidis</i> Ilharco, 1996	<i>Daphne alpine</i> (MNE)
<i>Aphidius phalangomyzi</i> Starý, 1963	<i>Macrosiphoniella oblonga</i> (Mordvilko, 1901)	<i>Artemisia vulgaris</i> (SRB)
<i>Aphidius rhopalosiphii</i> de Stefani-Perez, 1902	<i>Metopolophium dirhodum</i> (Walker, 1849)	<i>Avena sativa</i> (SRB), <i>Hordeum vulgare</i> (SRB), <i>Poa trivialis</i> (SRB), <i>Secale cereale</i> (SRB), <i>Triticum aestivum</i> (SRB), <i>T. vulgare</i> (SRB), <i>Zea mays</i> (SRB)
	<i>Rhopalosiphum padi</i> (Linnaeus, 1758)	<i>Triticum aestivum</i> (SRB), <i>Zea mays</i> (SRB)
	<i>Sitobion avenae</i> (Fabricius, 1775)	<i>Festuca</i> sp. (SRB), <i>Hordeum</i> sp. (SRB), <i>H. vulgare</i> (SRB), <i>Setaria</i> sp. (SRB), <i>Sorghum</i> sp. (SRB), <i>Triticum aestivum</i> (SRB), <i>Zea mays</i> (SRB)
	<i>Sitobion fragariae</i> (Walker, 1848)	<i>Dactylis glomerata</i> (SRB)
<i>Aphidius ribis</i> Haliday, 1834	<i>Cryptomyzus ribis</i> (Linnaeus, 1758)	<i>Ribes nigrum</i> (SRB), <i>R. rubrum</i> (SRB, MNE), <i>Ribes</i> sp. (SRB, MNE)
<i>Aphidius rosae</i> Haliday, 1834	<i>Macrosiphum rosae</i> (Linnaeus, 1758)	<i>Knautia arvensis</i> (SRB), <i>K. longifolia</i> (SRB), <i>Knautia</i> sp. (MNE), <i>Rosa canina</i> (SRB, MNE), <i>Rosa</i> sp. (MNE), <i>Scabiosa columbaria</i> (SRB)
	<i>Macrosiphum</i> sp.	<i>Rosa</i> sp. (SRB)
<i>Aphidius salicis</i> Haliday, 1834	<i>Cavariella aegopodii</i> (Scopoli, 1763)	<i>Anethum graveolens</i> (SRB), <i>Chaerophyllum aureum</i> (SRB), <i>Ch. bulbosum</i> (SRB), <i>Daucus carota</i> (SRB), <i>Salix caprea</i> (SRB), <i>S. retusa</i> (SRB)
	<i>Cavariella</i> sp.	<i>Foeniculum vulgare</i> (MNE), <i>Pancicia serbica</i> (MNE)

Parasitoid	Aphid host	Plant (Country)
Tribe Aphidiini		(Table I – continued)
<i>Aphidius salicis</i> Haliday, 1834	<i>Caviarella</i> sp.	<i>Anethum graveolens</i> (SRB), <i>Conium maculatum</i> (SRB), <i>Pimpinella anisum</i> (SRB), <i>Salix caprea</i> (SRB), <i>Salix</i> sp. (SRB)
	<i>Caviarella theobaldi</i> (Gillette & Bragg, 1918)	<i>Salix triandra</i> (SRB)
<i>Aphidius sonchi</i> Marshall, 1896	<i>Hyperomyzus lactucae</i> (Linnaeus, 1758)	<i>Sonchus oleraceus</i> (SRB)
	<i>Hyperomyzus</i> sp.	<i>Hieracium</i> sp. (MNE)
<i>Aphidius sussi</i> Pennacchio & Tremblay, 1989	<i>Delphinobium junackianum</i> (Karsch, 1887)	<i>Aconitum firmum</i> (SRB), <i>A. pentheri</i> (SRB), <i>A. toxicum</i> ssp. <i>bosniacum</i> (SRB, MNE)
<i>Aphidius tanacetarius</i> Mackauer, 1962	<i>Metopeurum fuscoviride</i> Stroyan, 1950	<i>Tanacetum vulgare</i> (SRB)
<i>Aphidius urticae</i> Haliday, 1834	<i>Acyrtosiphon cf. malvae</i> (Mosley, 1841)	<i>Salix retusa</i> (MNE)
	<i>Acyrtosiphon daphnidis</i> Ilharco, 1996	<i>Daphne alpine</i> (MNE)
	<i>Acyrtosiphon pisum</i> (Harris, 1776)	<i>Medicago sativa</i> (SRB), <i>Pisum sativum</i> (SRB)
	<i>Amphorophora ampullata</i> Buckton, 1876	<i>Dryopteris</i> sp. (SRB)
	<i>Amphorophora</i> sp.	<i>Rubus hirtus</i> (SRB)
	<i>Aulacorthum solani</i> Kalténbach, 1843	<i>Artemisia vulgaris</i> (SRB), <i>Myosoton aquaticum</i> (SRB), <i>Sanguisorba minor</i> (MNE)
	<i>Macrosiphum daphnidis</i> Börner, 1940	<i>Daphne mezereum</i> (MNE)
	<i>Macrosiphum euphorbiae</i> (Thomas, 1878)	<i>Euphorbia amygdaloides</i> (MNE), <i>E. salicifolia</i> (SRB)
	<i>Macrosiphum funestum</i> (Macchiat, 1885)	<i>Rubus</i> sp. (SRB)
	<i>Macrosiphum oregonense</i> Remaudière, 1952	<i>Lonicera nigra</i> (MNE)
	<i>Macrosiphum prenanthis</i> Börner, 1940	<i>Cicerbita panicii</i> (MNE), <i>Prenanthes purpurea</i> (MNE)
	<i>Macrosiphum</i> sp.	<i>Euphorbia amygdaloides</i> (MNE), <i>Silene vulgaris</i> (MNE), <i>Valeriana dioica</i> ssp. <i>simplicifolia</i> (MNE)
	<i>Microlophium carnosum</i> (Buckton, 1876)	<i>Urtica dioica</i> (SRB, MNE)
	<i>Schizaphis scirpi</i> (Passerini, 1874)	<i>Typha latifolia</i> (SRB)
<i>Aphidius (Lysaphidus) viaticus</i> Sedlag, 1968	<i>Pleotrichophorus duponti</i> Hille Ris Lambers, 1935	<i>Achillea millefolium</i> (MNE)
	<i>Pleotrichophorus glandulosus</i> (Kalténbach, 1846)	<i>Achillea millefolium</i> (SRB), <i>Artemisia vulgaris</i> (SRB)
<i>Euaphidius cingulatus</i> Ruthe, 1859	<i>Pterocomma salicis</i> (Linnaeus, 1758)	<i>Salix purpurea</i> (MNE)
	<i>Pterocomma jacksoni</i> Theobald, 1921	<i>Salix caprea</i> (SRB)
	<i>Pterocomma populeum</i> (Kalténbach, 1843)	<i>Populus nigra</i> (SRB), <i>Populus</i> sp. (SRB)
	<i>Pterocomma rufipes</i> (Hartig, 1841)	<i>Salix retusa</i> (MNE)
	<i>Pterocomma</i> sp.	<i>Populus deltoids</i> (SRB), <i>Salix alba</i> (SRB), <i>S. caprea</i> (SRB, MNE), <i>Salix</i> sp. (SRB, MNE)

Parasitoid	Aphid host	Plant (Country)
Tribe Aphidiini		(Table I – continued)
<i>Euaphidius setiger</i> Mackauer, 1961	<i>Peryphillus testudinaceus</i> (Ferne, 1852)	<i>Acer campestre</i> (SRB)
<i>Falciconus pseudoplatani</i> (Marshall, 1896)	<i>Drepanosiphum platanoidis</i> (Schrank, 1801)	<i>Acer pseudoplatanus</i> (SRB), <i>Acer</i> sp. (SRB, MNE)
<i>Harkeria angustivalva</i> (Stary 1959)	<i>Nasonovia</i> sp.	<i>Hieracium</i> sp. (SRB)
	<i>Nasonovia ribisnigri</i> (Mosley, 1841)	<i>Hieracium</i> sp. (SRB)
<i>Lipolexis gracilis</i> Förster, 1862	<i>Aphis craccivora</i> Koch, 1854	<i>Medicago sativa</i> (SRB), <i>Trifolium sativa</i> (SRB), <i>Vicia faba</i> (SRB)
	<i>Aphis crepidis</i> (Börner, 1940)	<i>Crepis biennis</i> (SRB)
	<i>Aphis fabae</i> Scopoli, 1763	<i>Althaea officinalis</i> (SRB), <i>Arctium lappa</i> (SRB), <i>Cirsium arvense</i> (SRB), <i>Galium aparine</i> (SRB), <i>Papaver somniferum</i> (SRB), <i>Punica granatum</i> (MNE), <i>Rumex</i> sp. (SRB, MNE)
	<i>Aphis fabae cirsiiacanthoidis</i> Scopoli, 1763	<i>Cirsium eriophorum</i> (SRB)
	<i>Aphis gossypii</i> Glover, 1877	<i>Chrysanthemum</i> sp. (SRB)
	<i>Aphis intybi</i> Koch, 1855	<i>Cichorium intybus</i> (SRB)
	<i>Aphis newtoni</i> Theobald, 1927	<i>Iris pseudacorus</i> (SRB)
	<i>Aphis</i> sp.	<i>Cistus creticus</i> (SRB), <i>Satureja subspicata</i> (SRB), <i>Viburnum lantana</i> (MNE)
	<i>Aphis urticae</i> J.F. Gmelin, 1790	<i>Urtica dioica</i> (SRB)
	<i>Metopeurum fuscoviride</i> Stroyan, 1950	<i>Tanacetum vulgare</i> (SRB)
	<i>Myzus cerasi</i> (Fabricius, 1775)	<i>Prunus avium</i> (SRB)
	<i>Schizaphis scirpi</i> (Passerini, 1874)	<i>Typha latifolia</i> (SRB)
<i>Lysiphlebus alpinus</i> Stary, 1971	<i>Semiaphis dauci</i> Fabricius, 1775	<i>Daucus carota</i> (SRB)
	<i>Semiaphis</i> sp.	<i>Daucus carota</i> (SRB)
<i>Lysiphlebus balcanicus</i> Stary, 1998	<i>Aphis psammophila</i> Szelegiewicz, 1967	<i>Jasione dentate</i> (SRB), <i>J. heldreichii</i> (SRB)
<i>Lysiphlebus cardui</i> (Marshall, 1896)	<i>Aphis fabae</i> Scopoli, 1763	<i>Cirsium arvense</i> (SRB), <i>Rumex</i> sp. (MNE)
	<i>Aphis fabae cirsiiacanthoidis</i> Scopoli, 1763	<i>Cirsium arvense</i> (SRB), <i>C. pauciflorum</i> (SRB), <i>Tragopogon</i> sp. (SRB)
	<i>Aphis</i> sp.	<i>Viburnum opulus</i> (MNE)
<i>Lysiphlebus confusus</i> Tremblay & Eady, 1978	<i>Aphis fabae</i> Scopoli, 1763	<i>Seseli libanotis</i> (MNE), <i>Tordylium apulum</i> (MNE)
	<i>Aphis farinosa</i> J.F. Gmelin, 1790	<i>Populus</i> sp. (SRB), <i>Salix caprea</i> (SRB), <i>S. eleagnifolia</i> (MNE), <i>Salix</i> sp. (SRB)
	<i>Aphis passeriniana</i> (del Guercio, 1900)	<i>Salvia officinalis</i> (MNE)
	<i>Aphis ruborum</i> (Börner, 1932)	<i>Rubus idaeus</i> (SRB)
	<i>Aphis schneideri</i> (Börner, 1940)	<i>Ribes nigrum</i> (SRB)

Parasitoid	Aphid host	Plant (Country)
Tribe Aphidiini		(Table I – continued)
<i>Lysiphlebus confusus</i> Tremblay & Eady, 1978	<i>Aphis urticata</i> J.F. Gmelin, 1790	<i>Urtica dioica</i> (SRB)
	<i>Semiaphis dauci</i> Fabricius, 1775	<i>Daucus carota</i> (SRB)
<i>Lysiphlebus dissolutus</i> (Nees 1811)	unchecked host	unknown plant (SRB)
<i>Lysiphlebus fabarum</i> (Marshall, 1896)	<i>Anoecia corni</i> (Fabricius, 1775)	<i>Triticum aestivum</i> (SRB)
	<i>Anoecia</i> sp.	unknown plant (SRB)
	<i>Aphis affinis</i> Del Guercio, 1911	<i>Mentha aquatica</i> (SRB)
	<i>Aphis balloticola</i> Szelegiewicz, 1968	<i>Ballota nigra</i> (SRB, MNE)
	<i>Aphis carlinae</i> (Börner, 1940)	<i>Carlina acaulis</i> (SRB)
	<i>Aphis celastrii</i> Matsumura, 1917	<i>Centaurea retusa</i> (SRB)
	<i>Aphis confusa</i> Walker, 1849	<i>Knautia dipsacifolia</i> (MNE)
	<i>Aphis craccivora</i> Koch, 1854	<i>Atriplex patula</i> (SRB), <i>A. tatarica</i> (SRB), <i>Dorycnium herbaceum</i> (SRB), <i>Medicago lupulina</i> (SRB), <i>M. sativa</i> (SRB), <i>Melilotus officinalis</i> (SRB), <i>Phaseolus vulgaris</i> (SRB), <i>Robinia pseudacacia</i> (SRB), <i>Trifolium pratense</i> (SRB), <i>Trigonella procumbens</i> (SRB)
	<i>Aphis crepidis</i> (Börner, 1940)	<i>Crepis biennis</i> (SRB)
	<i>Aphis davletshinae</i> Hille Ris Lambers, 1966	<i>Althaea officinalis</i> (SRB)
	<i>Aphis fabae</i> Scopoli, 1763	<i>Althaea officinalis</i> (SRB), <i>Amaranthus retroflexus</i> (SRB), <i>Arctium lappa</i> (SRB), <i>Beta vulgaris</i> (SRB), <i>Carduus acanthoides</i> (SRB), <i>Chenopodium album</i> (SRB), <i>Coreopsis verticillata</i> (SRB), <i>Evonymus europaeus</i> (SRB), <i>Galium aparine</i> (SRB), <i>Heracleum sphondylium</i> (SRB), <i>Leontodon hispidus</i> (SRB, MNE), <i>Levisticum officinale</i> (SRB), <i>Matricaria inodora</i> (SRB), <i>Papaver somniferum</i> (SRB), <i>Pastinaca sativa</i> (SRB), <i>Phaseolus vulgaris</i> (SRB), <i>Pitosporum tobira</i> (MNE), <i>Rumex acetosella</i> (SRB), <i>R. obtusifolius</i> (SRB), <i>Tanacetum parthenium</i> (SRB), <i>Urtica urens</i> (SRB), <i>Zea mays</i> (SRB)
	<i>Aphis fabae cirsiiacanthoidis</i> Scopoli, 1763	<i>Cirsium arvense</i> (SRB), <i>C. eriophorum</i> (SRB), <i>C. lanceolatum</i> (SRB)
	<i>Aphis fabae solanella</i> Theobald, 1914	<i>Solanum nigrum</i> (SRB)
	<i>Aphis farinosa</i> J.F. Gmelin, 1790	<i>Salix cinerea</i> (SRB), <i>Salix</i> sp. (SRB)

Parasitoid	Aphid host	Plant (Country)
Tribe Aphidiini		(Table I – continued)
<i>Lysiphlebus fabarum</i> (Marshall, 1896)	<i>Aphis frangulae</i> Kaltenbach, 1845	<i>Rhamnus fallax</i> (MNE)
	<i>Aphis gentianae</i> (Börner, 1940)	<i>Gentiana asclepiadae</i> (SRB)
	<i>Aphis gossypii</i> Glover, 1877	<i>Chrysanthemum</i> sp. (SRB), <i>Cucumis sativus</i> (SRB)
	<i>Aphis idaei</i> van der Goot, 1912	<i>Rubus idaeus</i> (SRB)
	<i>Aphis intybi</i> Koch, 1855	<i>Cichorium intybus</i> (SRB)
	<i>Aphis nasturtii</i> Kaltenbach, 1843	<i>Punica granatum</i> (SRB)
	<i>Aphis newtoni</i> Theobald, 1927	<i>Iris germanica</i> (SRB)
	<i>Aphis oenotherae</i> Oestlund, 1887	<i>Oenothera biennis</i> (SRB)
	<i>Aphis origani</i> Passerini, 1860	<i>Nepeta nuda</i> (SRB, MNE)
	<i>Aphis pomi</i> De Geer, 1773	<i>Malus domestica</i> (SRB)
	<i>Aphis ruborum</i> (Börner, 1932)	<i>Rubus idaeus</i> (SRB)
	<i>Aphis salviae</i> Walker, 1852	<i>Salvia nemorosa</i> (SRB)
	<i>Aphis sanguisorbae</i> (Schrank, 1801)	<i>Sanguisorba minor</i> (MNE)
	<i>Aphis serpylli</i> Koch, 1854	<i>Thymus</i> sp. (SRB)
	<i>Aphis</i> sp.	<i>Cistus creticus</i> (SRB), <i>Potentilla reptans</i> (SRB), <i>Rubus idaeus</i> (SRB), <i>Salvia nemorosa</i> (SRB, MNE), <i>Satureja subspicata</i> (SRB), <i>Silene</i> sp. (SRB)
	<i>Aphis</i> sp.	<i>Clematis</i> sp. (SRB), <i>Crepis biennis</i> (SRB), <i>Epilobium</i> sp. (SRB), <i>Lamium</i> sp. (SRB), <i>Lycopus europaeus</i> (SRB), <i>Salvia verticillata</i> (SRB), <i>Symphytum officinale</i> (SRB), <i>Tordylium maximum</i> (SRB), <i>Tragopogon</i> sp. (SRB)
	<i>Aphis taraxacicola</i> (Börner, 1940)	<i>Taraxacum officinale</i> (SRB)
	<i>Aphis umbrella</i> (Börner, 1950)	<i>Malva sylvestris</i> (SRB)
	<i>Aphis urticae</i> J.F. Gmelin, 1790	<i>Urtica dioica</i> (SRB)
	<i>Aphis verbasci</i> Schrank, 1801	<i>Verbascum</i> sp. (SRB)
	<i>Aphis viburni</i> Scopoli, 1763	<i>Viburnum opulus</i> (SRB)
	<i>Brachycaudus cardui</i> (Linnaeus, 1758)	<i>Carduus acanthoides</i> (SRB), <i>Carduus</i> sp. (SRB, MNE), <i>Centaurea tartarea</i> (SRB), <i>Cirsium acanthoides</i> (SRB), <i>C. eriophorum</i> (SRB), <i>C. lanceolatum</i> (SRB), <i>Prunus cerasifera</i> (MNE)
	<i>Brachycaudus helichrysi</i> (Kaltenbach, 1843)	<i>Prunus persica</i> (SRB)
	<i>Brachycaudus schwartzi</i> (Börner, 1931)	<i>Prunus persica</i> (SRB)

Parasitoid	Aphid host	Plant (Country)
Tribe Aphidiini		(Table I – continued)
<i>Lysiphlebus fabarum</i> (Marshall, 1896)	<i>Hyalopterus pruni</i> (Geoffrey, 1762)	<i>Phragmites australis</i> (SRB), <i>Ph. communis</i> (SRB), <i>Prunus cerasifera</i> (SRB)
	<i>Hyperomyzus picridis</i> (Börner and Blunck, 1916)	<i>Picris hieracioides</i> (SRB)
	<i>Myzus persicae</i> Sulzer, 1776	<i>Capsicum annuum</i> (SRB), <i>Polygonum aviculare</i> (SRB)
	<i>Phorodon humuli</i> (Schrank, 1801)	<i>Prunus cerasifera</i> (SRB)
	<i>Semiaphis dauci</i> Fabricius, 1775	<i>Daucus carota</i> (SRB)
	<i>Sitobion avenae</i> (Fabricius, 1775)	<i>Lolium italicum</i> (SRB)
<i>Lysiphlebus fritzmuelleri</i> Mackauer, 1960	<i>Aphis cracca</i> Linnaeus, 1758	<i>Vicia cracca</i> (SRB, MNE), <i>V. incana</i> (SRB), <i>Vicia</i> sp. (SRB)
	<i>Aphis</i> sp.	<i>Epilobium angustifolium</i> (MNE), <i>Mentha</i> sp. (MNE)
<i>Lysiphlebus hirticornis</i> Mackauer, 1960	<i>Metopeurum fuscoviride</i> Stroyan, 1950	<i>Tanacetum vulgare</i> (SRB)
<i>Lysiphlebus melandriicola</i> Starý, 1961	<i>Brachycaudus lychnidis</i> (Linnaeus, 1758)	<i>Silene alba</i> (SRB)
<i>Lysiphlebus testaceipes</i> (Cresson, 1880)	<i>Aphis nerii</i> Boyer de Fonscolombe, 1841	<i>Nerium oleander</i> (MNE)
	<i>Toxoptera aurantii</i> (Boyer de Fonscolombe, 1841)	<i>Citrus aurantium</i> (MNE), <i>C. sinensis</i> (MNE), <i>Citrus</i> sp. (MNE)
<i>Monoctonus crepidis</i> (Haliday, 1834)	<i>Hyperomyzus hieracii</i> (Börner, 1939)	<i>Hieracium</i> sp. (MNE)
	<i>Nasonovia pilosellae</i> (Börner, 1933)	<i>Hieracium pilosella</i> (SRB)
	<i>Nasonovia ribisnigri</i> (Mosley, 1841)	<i>Hieracium hoppeanum</i> (SRB, MNE), <i>H. pilosella</i> (SRB)
	<i>Nasonovia</i> sp.	<i>Cichorium alpine</i> (SRB), <i>C. intybus</i> (MNE), <i>Hieracium guentheri-beckii</i> (MNG), <i>H. murorum</i> (MNE), <i>H. pilosella</i> (SRB), <i>H. pseudobifidum</i> (MNG), <i>Hieracium</i> sp. (SRB, MNE), <i>Lapsana communis</i> (SRB)
<i>Monoctonus leclanti</i> Tomanović & Starý, 2002	<i>Delphinobium junackianum</i> (Karsch, 1887)	<i>Aconitum pentheri</i> (SRB, MNE), <i>A. toxicum</i> ssp. <i>bosniacum</i> (SRB, MNE)
<i>Monoctonus ligustri</i> van Achterberg, 1989	<i>Myzus ligustri</i> (Mosley, 1841)	<i>Ligustrum vulgare</i> (SRB)
<i>Monoctonus mali</i> van Achterberg, 1989	<i>Dysaphis reaumuri</i> (Mordvilko, 1928)	<i>Pyrus communis</i> (SRB)
	<i>Dysaphis</i> sp.	<i>Malus domestica</i> (SRB)
	<i>Rhopalosiphum insertum</i> (Walker, 1849)	<i>Malus domestica</i> (SRB)
<i>Monoctonus nervosus</i> (Haliday, 1833)	<i>Acyrtosiphon cf. malvae</i> (Mosley, 1841)	<i>Salix retusa</i> (MNE)
	<i>Acyrtosiphon</i> sp.	<i>Salix retusa</i> (MNE)
<i>Paralipsis enervis</i> (Nees, 1834)	<i>Forda formicaria</i> von Heyden, 1837	<i>Bromus sterilis</i> (SRB)
	<i>Geioica utricularia</i> (Passerini, 1856)	<i>Triticum aestivum</i> (SRB)
<i>Pauesia cupressobii</i> (Starý, 1960)	<i>Cinara</i> sp.	<i>Juniperus communis</i> (MNE)
	<i>Cupressobium juniperi</i> (De Geer, 1773)	<i>Juniperus communis</i> (MNE)

Parasitoid	Aphid host	Plant (Country)
Tribe Aphidiini		(Table I – continued)
<i>Pauesia juniperorum</i> (Stary, 1960)	<i>Cupressobium juniperi</i> (De Geer, 1773)	<i>Juniperus</i> sp. (SRB)
<i>Pauesia picta</i> (Haliday, 1834)	<i>Cinara pinea</i> (Mordvilko, 1894)	<i>Pinus sylvestris</i> (SRB)
	<i>Cinara</i> sp.	<i>Picea excels</i> (SRB), <i>Pinus nigra</i> (SRB)
<i>Pauesia pini</i> (Haliday, 1834)	<i>Cinara</i> sp.	<i>Pinus nigra</i> (SRB)
<i>Pauesia</i> sp.	<i>Cinara juniperi</i> (De Geer, 1773)	<i>Juniperus nana</i> (SRB)
	<i>Cinara pini</i> (Linnaeus, 1758)	<i>Pinus peuce</i> (MNE)
	<i>Cinara</i> sp.	<i>Pinus sylvestris</i> (SRB)
<i>Pauesia unilachni</i> (Gahan, 1927)	<i>Schizolachnus pineti</i> (Fabricius, 1781)	<i>Pinus nigra</i> (SRB), <i>P. sylvestris</i> (SRB)
<i>Trioxys auctus</i> (Haliday, 1833)	<i>Rhopalosiphum nymphaeae</i> (Linnaeus, 1761)	<i>Typha latifolia</i> (SRB)
	<i>Schizaphis scirpi</i> (Passerini, 1874)	<i>Typha angustifolia</i> (SRB)
<i>Trioxys pannonicus</i> Stary, 1960	<i>Titanosiphon</i> sp.	<i>Achillea</i> sp. (SRB)
<i>Trioxys betulae</i> (Marshall, 1896)	<i>Callaphis flava</i> Mordvilko, 1928	<i>Betula</i> sp. (SRB)
	<i>Eucallipterus tiliae</i> (Linnaeus, 1758)	<i>Tilia cordata</i> (SRB)
	<i>Symydobius oblongus</i> (von Heyden, 1837)	<i>Betula pendula</i> (SRB)
<i>Trioxys chaetosiphonis</i> Stary, 1971	<i>Longicaudus trirhodus</i> (Walker, 1849)	<i>Thalictrum aquilegifolium</i> (SRB)
<i>Trioxys cirsii</i> (Curtis, 1831)	<i>Drepanosiphum platanoidis</i> (Schrank, 1801)	<i>Acer pseudoplatanus</i> (SRB)
<i>Trioxys complanatus</i> Quilis, 1931	<i>Therioaphis trifolii</i> Monell, 1882	<i>Medicago sativa</i> (SRB)
<i>Trioxys curvicaudus</i> Mackauer, 1967	<i>Eucallipterus tiliae</i> (Linnaeus, 1758)	<i>Tilia cordata</i> (SRB), <i>Tilia</i> sp. (SRB)
<i>Trioxys falcatus</i> Mackauer, 1959	<i>Peryphillus</i> sp.	<i>Acer platanoides</i> (SRB)
<i>Trioxys galiobii</i> Stary, 1974	<i>Myzus langei</i> (Börner, 1933)	<i>Galium lucidum</i> (SRB)
<i>Trioxys humuli</i> Mackauer, 1960	<i>Phorodon humuli</i> (Schrank, 1801)	<i>Humulus lupulus</i> (SRB)
<i>Trioxys pallidus</i> (Haliday, 1834)	<i>Chromaphis juglandicola</i> (Kaltenbach, 1843)	<i>Juglans regia</i> (SRB)
	<i>Myzocallis boerneri</i> Stroyan, 1957	<i>Quercus rubra</i> (SRB)
	<i>Myzocallis carpini</i> (Koch, 1855)	<i>Carpinus betulus</i> (SRB)
	<i>Myzocallis</i> sp.	<i>Quercus trojana</i> (MNE), <i>Q. rubra</i> (SRB)
	<i>Panaphis juglandis</i> (Goeze, 1778)	<i>Juglans regia</i> (SRB)
	<i>Pterocallis alni</i> (De Geer, 1773)	<i>Alnus glutinosa</i> (MNE)
<i>Trioxys phyllaphidis</i> Mackauer, 1961	<i>Phyllaphis fagi</i> (Linnaeus, 1767)	<i>Fagus montana</i> (MNE), <i>F. sylvatica</i> (MNE)
<i>Protaphidius wissmannii</i> (Ratzeburg, 1848)	<i>Stomaphis juglandis</i> Petrović, 1998	<i>Juglans regia</i> (SRB)
Tribe Ephedriini		
<i>Ephedrus blattnyi</i> Stary, 1973	<i>Pterocomma rufipes</i> (Hartig, 1841)	<i>Salix retusa</i> (MNE)
<i>Ephedrus cerasicola</i> Stary, 1962	<i>Brachycaudus helichrysi</i> (Kaltenbach, 1843)	<i>Myosotis</i> sp. (SRB, MNE)
	<i>Myzus cerasi</i> (Fabricius, 1775)	<i>Prunus cerasus</i> (SRB)
	<i>Phorodon humuli</i> (Schrank, 1801)	<i>Prunus cerasifera</i> (SRB), <i>Prunus persica</i> (SRB)
<i>Ephedrus chaitophori</i> Gardenfors, 1986	<i>Chaitophorus leucomelas</i> Koch, 1854	<i>Populus nigra</i> (SRB)
	<i>Chaitophorus</i> sp.	<i>Populus nigra</i> (SRB), <i>Populus</i> sp. (SRB)

Parasitoid	Aphid host	Plant (Country)
Tribe Ephedrini		(Table I – continued)
<i>Ephedrus dysaphidis</i> Tomanović, Kavallieratos & Stary, 2005	<i>Dysaphis</i> sp.	<i>Malus domestica</i> (SRB)
<i>Ephedrus helleni</i> Mackauer, 1968	<i>Cavariella theobaldi</i> (Gillette & Bragg, 1918)	<i>Pastinaca sativa</i> ssp. <i>urens</i> (MNE), <i>Salix caprea</i> (SRB)
	<i>Cavariella aegopodii</i> (Scopoli, 1763)	<i>Pancicia serbica</i> (MNE), <i>Salix cinerea</i> (SRB)
<i>Ephedrus lacertosus</i> (Haliday, 1883)	<i>Acyrtosiphon malvae</i> (Mosley, 1841)	<i>Geranium coeruleatum</i> (MNE)
	<i>Amphorophora rubi</i> (Kaltenbach, 1843)	<i>Rubus idaeus</i> (MNE)
	<i>Macrosiphum chlodkovskyi</i> (Mordvilko, 1909)	<i>Filipendula ulmaria</i> (SRB)
	<i>Macrosiphum rosae</i> (Linnaeus, 1758)	<i>Rosa canina</i> (SRB), <i>Rosa</i> sp. (SRB)
<i>Ephedrus laevicollis</i> (Thomson, 1895)	<i>Chaetosiphon tetraerhodum</i> (Walker, 1849)	<i>Rosa</i> sp. (SRB, MNE)
	<i>Longicaudus trirhodus</i> (Walker, 1849)	<i>Thalictrum minus</i> ssp. <i>majus</i> (SRB, MNE)
<i>Ephedrus Ionicere</i> Tomanović, Kavallieratos & Stary, 2009	<i>Hyadaphis foeniculi</i> Passerini, 1860	<i>Lonicera xylosteum</i> (MNE)
<i>Ephedrus nacheri</i> Quilis, 1934	<i>Hayhurstia atriplicis</i> (Linnaeus, 1761)	<i>Chenopodium album</i> (SRB)
<i>Ephedrus niger</i> Gautier, Bonnamour & Gaumont, 1929	<i>Megoura viciae</i> Buckton, 1876	<i>Lathyrus halevsteinii</i> (SRB), <i>L. odoratus</i> (MNE), <i>L. sativus</i> (MNE)
	<i>Uroleucon cichorii</i> (Koch, 1855)	<i>Cichorium Intybus</i> (SRB)
	<i>Uroleucon murale</i> (Buckton, 1876)	<i>Mycelis muralis</i> (SRB)
	<i>Uroleucon</i> sp.	<i>Chondrilla juncea</i> (SRB, MNE), <i>Crepis biennis</i> (MNE)
<i>Ephedrus persicae</i> Froggatt, 1904	<i>Aphis pomi</i> De Geer, 1773	<i>Malus domestica</i> (SRB)
	<i>Aphis</i> sp.	<i>Salvia officinalis</i> (MNE), <i>Satureja montana</i> (MNE)
	<i>Aphis viticis</i> Ferrari, 1872	<i>Satureja montana</i> (MNE), <i>Vitex agnus castus</i> (MNE)
	<i>Brachycaudus cardui</i> (Linnaeus, 1758)	<i>Prunus domestica</i> (SRB, MNE)
	<i>Brachycaudus helichrysi</i> (Kaltenbach, 1843)	<i>Achillea abrotanoides</i> (SRB, MNE)
	<i>Brachycaudus helichrysi</i> (Kaltenbach, 1843)	<i>Achillea</i> sp. (MNE), <i>A. tanacetifolia</i> (MNE), <i>Myosotis sylvatica</i> (SRB), <i>Prunus cerasifera</i> (SRB), <i>P. domestica</i> (SRB), <i>Sedum anopetalum</i> (MNE), <i>S. ochroleucum</i> (MNE), <i>Tanacetum macrophyllum</i> (SRB)
	<i>Brachycaudus prunicola</i> (Kaltenbach, 1843)	<i>Prunus cerasifera</i> (SRB)
	<i>Brachycaudus</i> sp.	<i>Prunus domestica</i> (SRB)
	<i>Dysaphis devector</i> (Walker, 1849)	unknown plant (SRB)
	<i>Dysaphis plantaginea</i> (Passerini, 1860)	<i>Malus domestica</i> (SRB)
	<i>Dysaphis pyri</i> (Boyer de Fonscolombe, 1841)	<i>Pyrus communis</i> (SRB), <i>Pyrus</i> sp. (SRB)

Parasitoid	Aphid host	Plant (Country)
Tribe Ephedrini		(Table I – continued)
<i>Ephedrus persicae</i> Froggatt, 1904	<i>Dysaphis reaumuri</i> (Mordvilko, 1928)	<i>Pyrus communis</i> (SRB)
	<i>Dysaphis</i> sp.	<i>Pyrus communis</i> (SRB), <i>Pyrus</i> sp. (SRB)
	<i>Hyadaphis foeniculi</i> Passerini, 1860	<i>Lonicera xylosteum</i> (MNE)
	<i>Melanaphis pyraría</i> (Passerini, 1862)	<i>Pyrus communis</i> (SRB)
	<i>Myzus cerasi</i> (Fabricius, 1775)	<i>Prunus avium</i> (SRB), <i>P. cerasifera</i> (SRB), <i>P. cerasus</i> (SRB)
	<i>Myzus persicae</i> Sulzer, 1776	<i>Prunus cerasifera</i> (SRB), <i>P. persica</i> (SRB)
	<i>Phorodon humuli</i> (Schrank, 1801)	<i>Prunus cerasifera</i> (SRB), <i>P. cerasus</i> (SRB), <i>P. domestica</i> (SRB), <i>P. spinosa</i> (SRB)
	<i>Rhopalosiphum nymphaeae</i> (Linnaeus, 1761)	<i>Prunus</i> sp. (SRB)
	<i>Uroleucon solidaginis</i> (Fabricius, 1779)	<i>Solidago virgaurea</i> (SRB)
	<i>Acyrtosiphon pisum</i> (Harris, 1776)	<i>Medicago sativa</i> (SRB)
	<i>Acyrtosiphon</i> sp.	<i>Chamaecytisus ciliates</i> (MNE)
	<i>Aphis epilobii</i> Kalténbach, 1843	<i>Epilobium angustifolium</i> (MNE)
	<i>Aphis fabae</i> Scopoli, 1763	<i>Cephalanthera rubra</i> (SRB, MNE), <i>Euonymus europaeus</i> (SRB), <i>Gentiana asclepiadea</i> (MNE), <i>Impatiens noli-tangere</i> (SRB), <i>Ranunculus acris</i> (MNE)
	<i>Aphis idaei</i> Van der Goot, 1912	<i>Rubus idaeus</i> (SRB), <i>Rubus</i> sp. (SRB)
	<i>Aphis salicariae</i> Koch, 1855	<i>Chamaenerion angustifolium</i> (SRB), <i>Epilobium angustifolium</i> (SRB)
	<i>Aphis schneideri</i> (Börner, 1940)	<i>Ribes rubrum</i> (SRB)
	<i>Aphis</i> sp.	<i>Saxifraga paniculata</i> (MNE)
	<i>Aphis spiraeophaga</i> F.P. Müller, 1961	<i>Spiraea media</i> (SRB)
	<i>Brachycaudus helichrysi</i> (Kalténbach, 1843)	<i>Hieracium</i> sp. (SRB), <i>Melampyrum cristatum</i> (SRB), <i>Solidago virgaurea</i> (SRB), <i>Stenactis annua</i> (SRB)
	<i>Capitophorus</i> sp.	<i>Polygonum persicaria</i> (SRB)
<i>Ephedrus plagiator</i> (Nees, 1811)	<i>Corylobium avellanae</i> (Schrank, 1801)	<i>Corylus avellana</i> (SRB)
	<i>Cryptomyzus ribis</i> (Linnaeus, 1758)	<i>Ribes nigrum</i> (SRB)
	<i>Dysaphis devector</i> (Walker, 1849)	<i>Malus domestica</i> (SRB)
	<i>Dysaphis plantaginea</i> (Passerini, 1860)	unknown plant (SRB)
	<i>Dysaphis pyri</i> (Boyer de Fonscolombe, 1841)	<i>Pyrus communis</i> (SRB)

Parasitoid	Aphid host	Plant (Country)
Tribe Ephedrini		(Table I – continued)
<i>Ephedrus plagiator</i> (Nees, 1811)	<i>Dysaphis</i> sp. <i>Hyadaphis foeniculi</i> Passerini, 1860 <i>Hyadaphis</i> sp. <i>Hyalopterus pruni</i> (Geoffroy, 1762) <i>Macrosiphum cholodkovskyi</i> (Mordvilko, 1909) <i>Macrosiphum euphorbiae</i> (Thomas, 1878) <i>Macrosiphum prenanthidis</i> Börner, 1940 <i>Macrosiphum rosae</i> (Linnaeus, 1758) <i>Macrosiphum</i> sp. <i>Metopolophium dirhodum</i> (Walker, 1849) <i>Myzus cerasi</i> (Fabricius, 1775) <i>Myzus ligustri</i> (Mosley, 1841) <i>Phorodon humuli</i> (Schrank, 1801) <i>Rhopalomyzus lonicerae</i> Siebold, 1839 <i>Rhopalomyzus</i> sp. <i>Schizaphis graminum</i> (Rondani, 1852) <i>Sitobion avenae</i> (Fabricius, 1775) <i>Sitobion fragariae</i> (Walker, 1848)	<i>Malus domestica</i> (SRB) <i>Lonicera xylosteum</i> (MNE) <i>Galium lucidum</i> (MNE), <i>Sanicula europea</i> (MNE) <i>Prunus spinosa</i> (SRB) <i>Filipendula ulmaria</i> (SRB) <i>Euphorbia amygdaloides</i> (MNE) <i>Prenanthes purpurea</i> (MNE) <i>Rosa</i> sp. (SRB, MNE) <i>Linum capitatum</i> (MNE) <i>Avena sativa</i> (SRB), <i>Hordeum vulgare</i> (SRB), <i>Triticum aestivum</i> (SRB), <i>T. vulgare</i> (SRB) <i>Prunus avium</i> (SRB), <i>P. cerasus</i> (SRB) <i>Ligustrum vulgare</i> (SRB) <i>Prunus cerasifera</i> (SRB), <i>P. cerasus</i> (SRB), <i>P. spinosa</i> (SRB) <i>Lonicera tatarica</i> (SRB) unknown plant (SRB) <i>Hordeum vulgare</i> (SRB) <i>Avena sativa</i> (SRB), <i>Dactylis glomerata</i> (SRB), <i>Phleum michelli</i> (MNE), <i>Secale</i> sp. (SRB), <i>Triticum aestivum</i> (SRB), <i>T. vulgare</i> (SRB) <i>Dactylis glomerata</i> (SRB), <i>Poa</i> sp. (MNE)
<i>Ephedrus validus</i> (Haliday, 1833)	collected by sweeping	unknown plant(MNE)
Tribe Praini		
<i>Areopraon chaitophorii</i> Tomanović & Petrović 2009	<i>Chaitophorus leucomelas</i> Koch, 1854	<i>Populus nigra</i> (SRB)
<i>Areopraon silvestre</i> (Starý 1971)	<i>Periphyllus</i> sp.	<i>Acer pseudoplatanus</i> (SRB)
<i>Areopraon lepellei</i> (Waterston, 1926)	<i>Eriosoma</i> sp.	<i>Ulmus carpinifolia</i>
<i>Dyscritulus planiceps</i> (Marshall, 1896)	<i>Drepanosiphum platanoidis</i> (Schrank, 1801)	<i>Acer pseudoplatanus</i> (SRB)
<i>Praon abjectum</i> (Haliday, 1833)	<i>Aphis craccivora</i> Koch, 1854 <i>Aphis elegantula</i> Szelegiewicz, 1963 <i>Aphis epilobii</i> Kaltenbach, 1843 <i>Aphis fabae</i> Scopoli, 1763	<i>Robinia pseudacacia</i> (SRB) <i>Epilobium</i> sp. (MNE) <i>Epilobium</i> sp. (MNE) <i>Philadelphus coronarius</i> (SRB), <i>Pisum sativum</i> (SRB)

Parasitoid	Aphid host	Plant (Country)
Tribe Praini		(Table I – continued)
<i>Praon abjectum</i> (Haliday, 1833)	<i>Aphis grossulariae</i> Kaltenbach, 1843	<i>Epilobium hirsutum</i> (SRB)
	<i>Aphis pomi</i> De Geer, 1773	<i>Malus domestica</i> (SRB)
	<i>Aphis spiraeophaga</i> F.P. Müller, 1961	<i>Spiraea media</i> (SRB)
	<i>Brachycaudus helichrysi</i> (Kaltenbach, 1843)	<i>Tanacetum macrophyllum</i> (SRB)
	<i>Hyalopterus pruni</i> (Geoffroy, 1762)	<i>Phragmites communis</i> (SRB)
	<i>Liosomaphis berberidis</i> (Kaltenbach, 1843)	<i>Berberis vulgaris</i> (SRB), <i>Mahonia aquifolium</i> (SRB)
<i>Praon absinthii</i> Bignell, 1894	<i>Macrosiphoniella tanacetaria</i> Kaltenbach, 1843	<i>Tanacetum vulgare</i> (SRB)
<i>Praon barbatum</i> Mackauer, 1967	<i>Acyrtosiphon pisum</i> (Harris, 1776)	<i>Medicago sativa</i> (SRB, MNE), <i>Pisum sativum</i> (SRB), <i>Trifolium pratense</i> (SRB, MNE)
<i>Praon bicolor</i> Mackauer, 1959	<i>Eulachnus rileyi</i> (Williams, 1911)	<i>Pinus nigra</i> (SRB), <i>P. sylvestris</i> (SRB)
	<i>Schizolachnus pineti</i> (Fabricius, 1781)	<i>Pinus nigra</i> (SRB), <i>P. sylvestris</i> (SRB)
<i>Praon dorsale</i> (Haliday, 1833)	<i>Uroleucon cichorii</i> (Koch, 1855)	unknown plant (SRB)
	<i>Uroleucon</i> sp.	unknown plant (SRB)
<i>Praon exsoletum</i> (Nees, 1811)	<i>Macrosiphum rosae</i> (Linnaeus, 1758)	<i>Rosa</i> sp. (SRB)
	<i>Therioaphis trifolii</i> Monell, 1882	<i>Medicago sativa</i> (SRB)
<i>Praon flavinode</i> (Haliday, 1833)	<i>Calaphis flava</i> Mordvilko, 1928	<i>Betula</i> sp. (SRB)
	<i>Eucallipterus tiliae</i> (Linnaeus, 1758)	<i>Tilia</i> sp. (SRB)
<i>Praon gallicum</i> Starý, 1971	<i>Metopolophium dirhodum</i> (Walker, 1849)	<i>Avena sativa</i> (SRB), <i>Hordeum murinum</i> (SRB), <i>H. vulgare</i> (SRB), <i>Triticum aestivum</i> (SRB), <i>Zea mays</i> (SRB)
	<i>Plectrochophorus glandulosus</i> (Kaltenbach, 1846)	<i>Artemisia vulgaris</i> (SRB)
	<i>Rhopalosiphum padi</i> (Linnaeus, 1758)	<i>Zea mays</i> (SRB)
	<i>Schizaphis graminum</i> (Rondani, 1852)	<i>Triticum aestivum</i> (SRB)
	<i>Sitobion avenae</i> (Fabricius, 1775)	<i>Triticum aestivum</i> (SRB), <i>Zea mays</i> (SRB)
<i>Praon grossum</i> Starý, 1971	<i>Amphorophora</i> sp.	unknown plant (MNE)
<i>Praon longicorne</i> Marshall, 1891	<i>Amphorophora</i> sp.	<i>Rubus hirtus</i> (SRB, MNE)
	<i>Macrosiphum cholodkovskiyi</i> (Mordvilko, 1909)	<i>Filipendula ulmaria</i> (MNE)
	<i>Macrosiphum funestum</i> (Macchiat, 1885)	<i>Rubus hirtus</i> (SRB), <i>Rubus</i> sp. (SRB)
	<i>Macrosiphum oregonense</i> Remaudière, 1952	<i>Lonicera nigra</i> (MNE)
	<i>Macrosiphum prenanthis</i> Börner, 1940	<i>Cicerbita pancicii</i> (MNE)
	<i>Uroleucon cichorii</i> (Koch, 1855)	<i>Lactuca serriola</i> (SRB)
<i>Praon megourae</i> Starý, 1971	<i>Megoura viciae</i> Buckton, 1876	<i>Lathyrus halevsteinii</i> (MNE), <i>L. odoratus</i> (MNE), <i>L. pratensis</i> (MNE)
<i>Praon necans</i> (Mackauer, 1959)	<i>Rhopalosiphum nymphaeae</i> (Linnaeus, 1761)	<i>Ranunculus aquatilis</i> (SRB)
<i>Praon nonveilleri</i> Tomanović & Kavallieratos, 2003	<i>Uroleucon inulicola</i> (Hille Ris Lambers, 1939)	<i>Inula ensifolia</i> (SRB), <i>I. helenium</i> (SRB)

Parasitoid	Aphid host	Plant (Country)
Tribe Praini		(Table I – continued)
<i>Praon pubescens</i> Starý, 1961	<i>Nasonovia ribisnigri</i> (Mosley, 1841) <i>Nasonovia</i> sp.	<i>Crepis vcidula</i> (SRB) <i>Hieracium</i> sp. (SRB, MNE)
<i>Praon retusae</i> Tomanović & Kavallieratos, 2002	<i>Acyrtosiphon cf. malvae</i> (Mosley, 1841) <i>Acyrtosiphon</i> sp.	<i>Salix retusa</i> (MNE) <i>Salix retusa</i> (MNE)
<i>Praon rosaecola</i> Starý, 1961	<i>Macrosiphum rosae</i> (Linnaeus, 1758)	<i>Rosa</i> sp. (SRB)
<i>Praon spinosum</i> Mackauer, 1959	<i>Subsaltusaphis picta</i> (Hille Ris Lambers, 1939) <i>Thripsaphis verrucosa</i> Gillette, 1917	<i>Carex</i> sp. (SRB) <i>Carex nigra</i> (MNE)
<i>Praon uroleucon</i> Tomanović & Kavallieratos, 2003	<i>Uroleucon</i> sp.	<i>Carduus acanthoides</i> (MNE)
<i>Praon volucre</i> (Haliday, 1833)	<i>Aulacorthum solani</i> Kalténbach, 1843 <i>Acyrtosiphon lactucae</i> (Passerini, 1860) <i>Acyrtosiphon malvae</i> (Mosley, 1841) <i>Acyrtosiphon pisum</i> (Harris, 1776) <i>Acyrtosiphon</i> sp. <i>Amphorophora rubi</i> (Kalténbach, 1843) <i>Amphorophora</i> sp. <i>Aphidura</i> sp. <i>Aphis crepidis</i> (Börner, 1940) <i>Aphis fabae</i> Scopoli, 1763 <i>Aphis spiraeophaga</i> F.P. Müller, 1961 <i>Aulacorthum solani</i> Kalténbach, 1843 <i>Brachycaudus helichrysi</i> (Kalténbach, 1843) <i>Brevicoryne brassicae</i> (Linnaeus, 1758) <i>Cryptomyzus ribis</i> (Linnaeus, 1758) <i>Hyadaphis foeniculi</i> Passerini, 1860 <i>Hyalopterus pruni</i> (Geoffrey, 1762) <i>Hyperomyzus lactucae</i> (Linnaeus, 1758) <i>Macrosiphum daphnidis</i> Börner, 1940 <i>Macrosiphum euphorbiae</i> (Thomas, 1878)	<i>Hypericum perforatum</i> (MNE) <i>Lactuca scariola</i> (SRB) <i>Geranium</i> sp. (SRB, MNE) <i>Medicago sativa</i> (SRB), <i>Pisum sativum</i> (SRB) <i>Dorycnium herbaceum</i> (MNE), <i>Lathyrus arvensis</i> (MNE) <i>Rubus caesius</i> (SRB) unknown plant (SRB) unknown plant (SRB) <i>Crepis biennis</i> (SRB) <i>Amaranthus retroflexus</i> (SRB), <i>Beta vulgaris</i> (SRB), <i>Papaver somniferum</i> (SRB), <i>Phaseolus vulgaris</i> (SRB), <i>Solanum nigrum</i> (SRB) <i>Spiraea</i> sp. (SRB) <i>Geranium sylvaticum</i> (SRB) <i>Helianthus annuus</i> (SRB), <i>Prunus cerasifera</i> (SRB) <i>Brassica oleracea</i> (SRB) unknown plant (SRB) <i>Lonicera</i> sp. (SRB) <i>Prunus armeniaca</i> (SRB), <i>P. cerasifera</i> (SRB), <i>P. domestica</i> (SRB) <i>Ribes nigrum</i> (SRB), <i>Sonchus arvensis</i> (SRB), <i>S. oleraceus</i> (SRB) <i>Daphne mezereum</i> (MNE) <i>Euphorbia amygdaloides</i> (MNE), <i>Linum catharticum</i> (MNE), <i>Lycopersicon esculentum</i> (SRB, MNE), <i>Solanum lycopersicum</i> (SRB)

Parasitoid	Aphid host	Plant (Country)
Tribe Praini		(Table I – continued)
<i>Praon volucre</i> (Haliday, 1833)	<i>Macrosiphum rosae</i> (Linnaeus, 1758)	<i>Knautia arvensis</i> (SRB), <i>Rosa</i> sp. (SRB, MNE)
	<i>Metopolophium dirhodum</i> (Walker, 1849)	<i>Avena sativa</i> (SRB), <i>Hordeum murinum</i> (SRB), <i>Triticum aestivum</i> (SRB, MNE), <i>T. vulgare</i> (SRB), <i>Zea mays</i> (SRB)
	<i>Microlophium carnosum</i> (Buckton, 1876)	<i>Urtica dioica</i> (SRB), <i>U. urens</i> (SRB)
	<i>Myzus ligustri</i> (Mosley, 1841)	<i>Ligustrum vulgare</i> (SRB)
	<i>Myzus persicae</i> Sulzer, 1776	<i>Prunus cerasifera</i> (SRB), <i>P. persica</i> (SRB), <i>Solanum tuberosum</i> (SRB)
	<i>Myzus varians</i> Davidson, 1912	<i>Clematis vitalba</i> (SRB)
	<i>Phorodon humuli</i> (Schrank, 1801)	<i>Prunus cerasifera</i> (SRB)
	<i>Rhopalomyzus lonicerae</i> (Siebold, 1839)	<i>Lonicera</i> sp. (SRB)
	<i>Rhopalosiphum padi</i> (Linnaeus, 1758)	<i>Hordeum vulgare</i> (SRB), <i>Zea mays</i> (SRB)
	<i>Schizaphis graminum</i> (Rondani, 1852)	<i>Avena sativa</i> (SRB)
	<i>Sitobion avenae</i> (Fabricius, 1775)	<i>Bromus nemoralis</i> (SRB), <i>Dactylis glomerata</i> (SRB), <i>Hordeum murinum</i> (SRB), <i>Triticum aestivum</i> (SRB)
	<i>Sitobion fragariae</i> (Walker, 1848)	<i>Dactylis glomerata</i> (SRB), <i>Hordeum murinum</i> (SRB)
	<i>Uroleucon cichorii</i> (Koch, 1855)	<i>Cichorium intybus</i> (SRB)
<i>Praon yomenae</i> Takada, 1968	<i>Uroleucon cichorii</i> (Koch, 1855)	<i>Cichorium intybus</i> (SRB), <i>Crepis biennis</i> (MNE), <i>Lactuca serriola</i> (SRB)
	<i>Uroleucon cichorii grossum</i> (Hille Ris Lambers, 1939)	<i>Crepis biennis</i> (SRB)
	<i>Uroleucon</i> sp.	<i>Crepis</i> sp. (SRB, MNE), <i>Chondrilla juncea</i> (SRB), <i>Lactuca sativa</i> (SRB), <i>Rhagadiolus stellatus</i> (MNE)
	<i>Uroleucon cichorii</i> (Koch, 1855)	unknown plant (SRB)
	<i>Uroleucon</i> sp.	unknown plant (SRB)
<i>Pseudopraon mindariphagum</i> Stary, 1975	<i>Mindarus abietinus</i> Koch, 1857	<i>Abies alba</i> (MNG)

Discussion

The present list represents a summarizing study on the fauna of aphid parasitoids and their trophic associations from high mountains, hills, canyons (many of them are heavily influenced by the Mediterranean) and lowlands throughout Serbia and Montenegro. Seven hundred ninety-four trophic associations connected three groups of organisms: parasitoids, aphids and host plants. The basic research approach brings the additional information to the taxonomical level of parasitoid wasps. On the other hand, knowledge of the host aphid species and plants is often rather useful in the identification of the parasitoid species.

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APHIDIINAE (BRACONIDAE: HYMENOPTERA) СРБИЈЕ И ЦРНЕ ГОРЕ – ТРИТРОФИЧКЕ ИНТЕРАКЦИЈЕ

ВЛАДИМИР ЖИКИЋ, МАРИЈАНА ИЛИЋ-МИЛОШЕВИЋ, САША СТАНКОВИЋ, АНЂЕЛКО ПЕТРОВИЋ,
ОЛИВЕРА ПЕТРОВИЋ-ОБРАДОВИЋ, НИКОЛАС КАВАЛИЕРАТОС,
ПЕТР СТАРИ И ЖЕЉКО ТОМАНОВИЋ

Извод

У раду је представљена листа оригиналних података паразитских оса из потфамилије Aphidiinae, које су прикупљене на територији Србије и Црне Горе заједно са биљним вашима - њиховим домаћинима и биљкама хранитељкама. Укупно су идентификована 23 рода са 122 врсте паразитских оса из 204 афидна домаћина на укупно 344 биљне врсте. Регистроване су 794 асоцијације паразитоид-ваш-биљка које су приказане по абecedном реду у односу на паразитоиде класификоване у четири трибуса.

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